



TCC-0001

Sirena rossa ATEX Ex a sicurezza intrinseca, 24 V

IS Sonos sounder

The IS electronic sounder has been approved for use in potentially explosive atmospheres for Group I (Mining) & Group II (Above Ground) applications and incorporates a high Ingress Protected IP66 enclosure.

The sounder unit incorporates a two stage alarm option and has a total of 32 selectable tones, selectable via a dip switch on the PCB and produces up to 105 dB at 1 meter.

A specially designed time saver base enables quick and easy installation of this unit with no extra cabling to be made to the head of the unit.

Connections are made to the base during the initial wiring phase which results in a faster more reliable installation. The sounder head simply twists & clicks into the pre-fixed base on commissioning avoiding any additional wiring & connections.

This unit must be used in conjunction with an approved Zener Barrier or Galvanic Isolator. The characteristics should not exceed U_o : 28 V, I_o : 93 mA, P_o : 660 mW, C_i : 0, L_i : 0. The minimum value of U_o should not drop below 23.6 V and the minimum value of I_o should not drop below 50 mA.

Applications

Fire, security, process control and general signalling



Dettagli

- Approved by ATEX, IECEx
- Group I MI Ex ia I Ma
- Group II IGD Ex ia IIC T6 Ga, Ex ia IIC T85°C Da
- Zones 0, 1, 2, 20, 21 & 22
- Conforms to: EN 60079-0:2012 + All:2013 (IEC 60079-0:2011)
EN-60079-11:2012 + (IEC 60079-11:2011)
- Diode polarised and end-of-line resistor compatible
- Dustproof and weatherproof

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Specifiche tecniche

Generale

Compatibilità	Conventional I.S. zone controllers
System support	Conventional systems

Elettrico

Tipo di alimentatore	24 VDC
Tensione di esercizio	24 VDC
Consumo attuale	33 mA

Sirena

Livello di uscita	<105 dB(A)
Toni selezionabili	32 (2 stages)

Fisico

Dimensioni fisiche	102 x 105 (ø x h) 3 x M20 (Cable entries)
Peso netto	330 g
Colore	Rosso
Tipo di montaggio	Montaggio su base
Posizione di montaggio	Soffitto, Parete
Base di montaggio	Profondo

Ambientale

A prova di vandalo	No
Temperatura operativa	-40 to +55°C
Umidità relativa	>90% at 20°C
IP rating	IP66

Regolatorio

Conformità	CE, REACH, RoHS 3, WEEE
Certificazioni	CENELEC/ATEX, CPR
Standards	ATEX (EMT17ATEX0012X) IECEx (EMT 17.0005X) EN54-3